

10 Feb 1956

ITEMS TO BE EXPEDITED

Hewlett-Packard 909-256-56

1. Standing wave indicator, 415B
9. Coaxial slotted section, 22222 806B
2. Universal probe carriage, 809B
10. Detector mount, 22222 440A
11. Broad band probe, 442B
12. Broad band probe, untuned, 444A

General Electric 909-255-56

1. Relay
2. Relay

Transistors 909-243-56

1. 2N43
2. 2N44

MINIFON (5 hour) recorder

Microswitches

LM31 Video crystals

This document is part of an interrelated file. If separated from the file, it must be subjected to individual classification review.

DOC	5	REV	2-12-80	008632
ORIG COMP				
ORIG CLASS				
ROUT				

these curves were reprinted from
Curves received from [redacted]

25X1

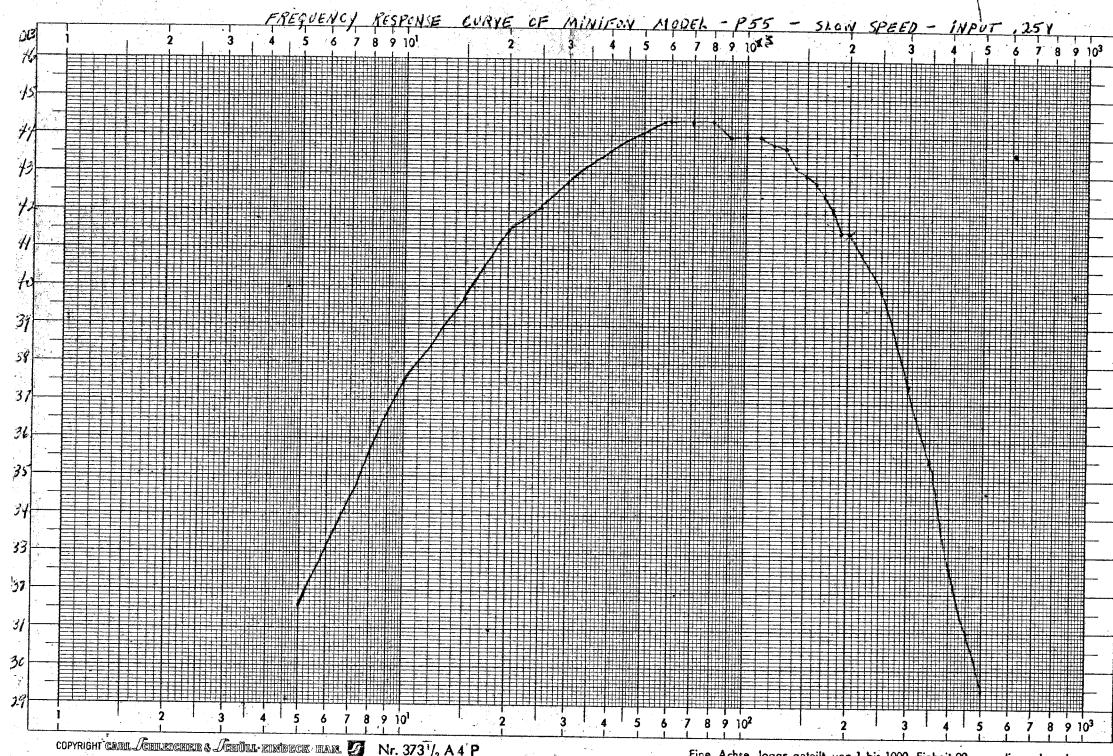
[redacted] 25X1

[redacted] No info is available on
how the data were taken.

ACS 3 August 56

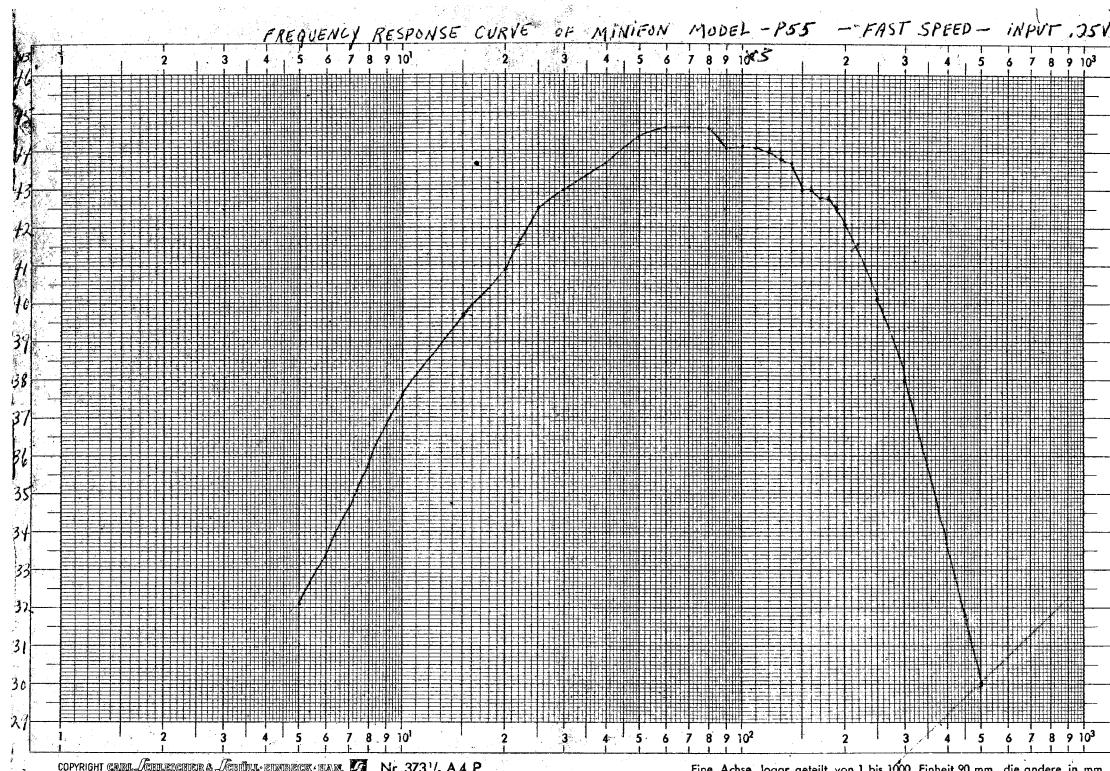
This document is part of an automated
file. If separated from the file, it
should be submitted to the automated review.

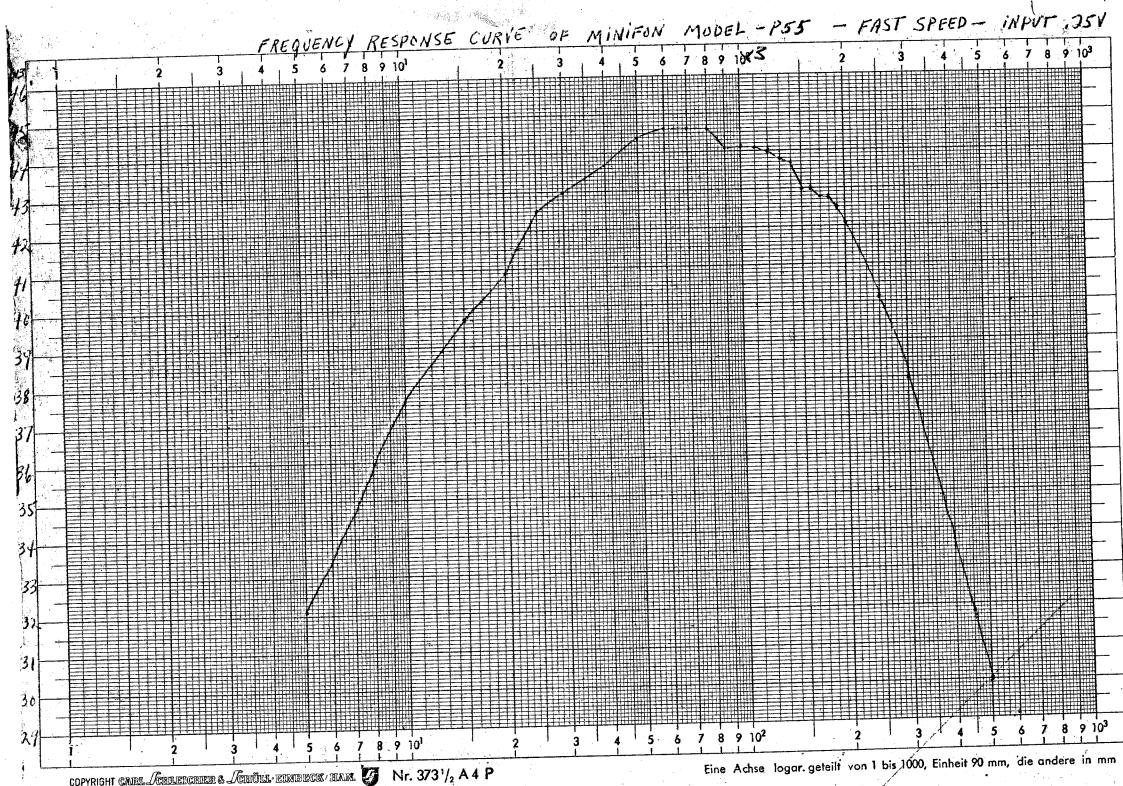
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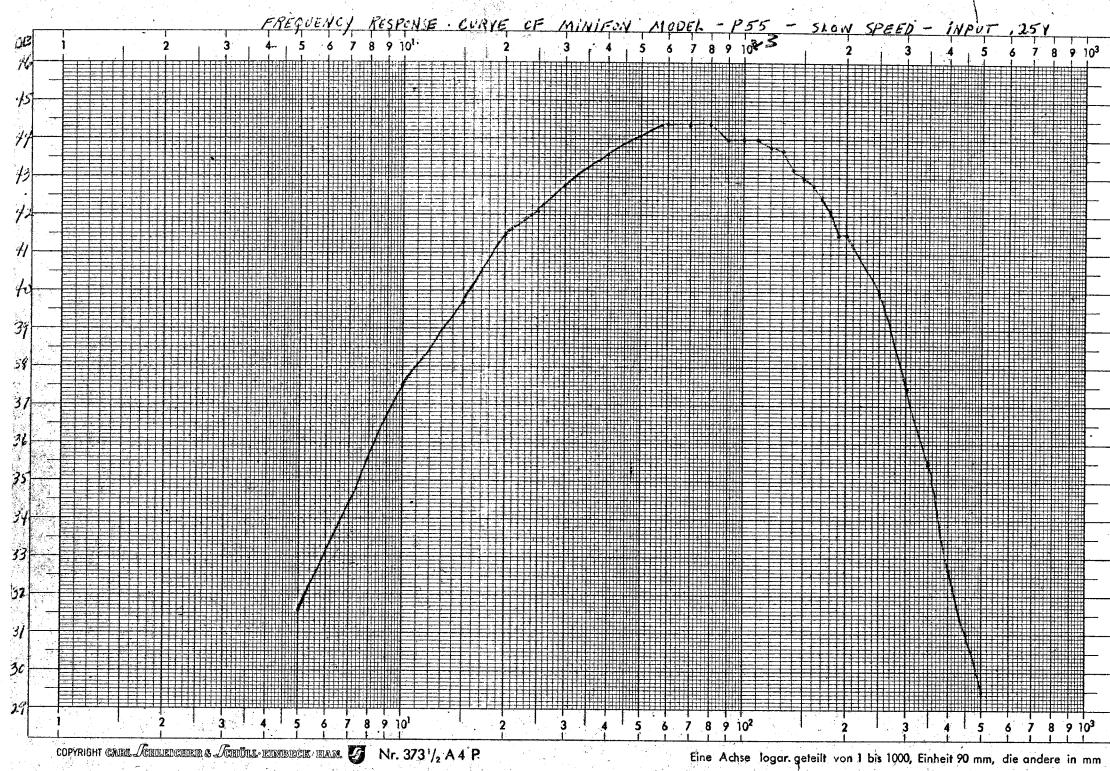


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Eine Achse logar. geteilt von 1 bis 1000, Einheit 90 mm, die andere in mm







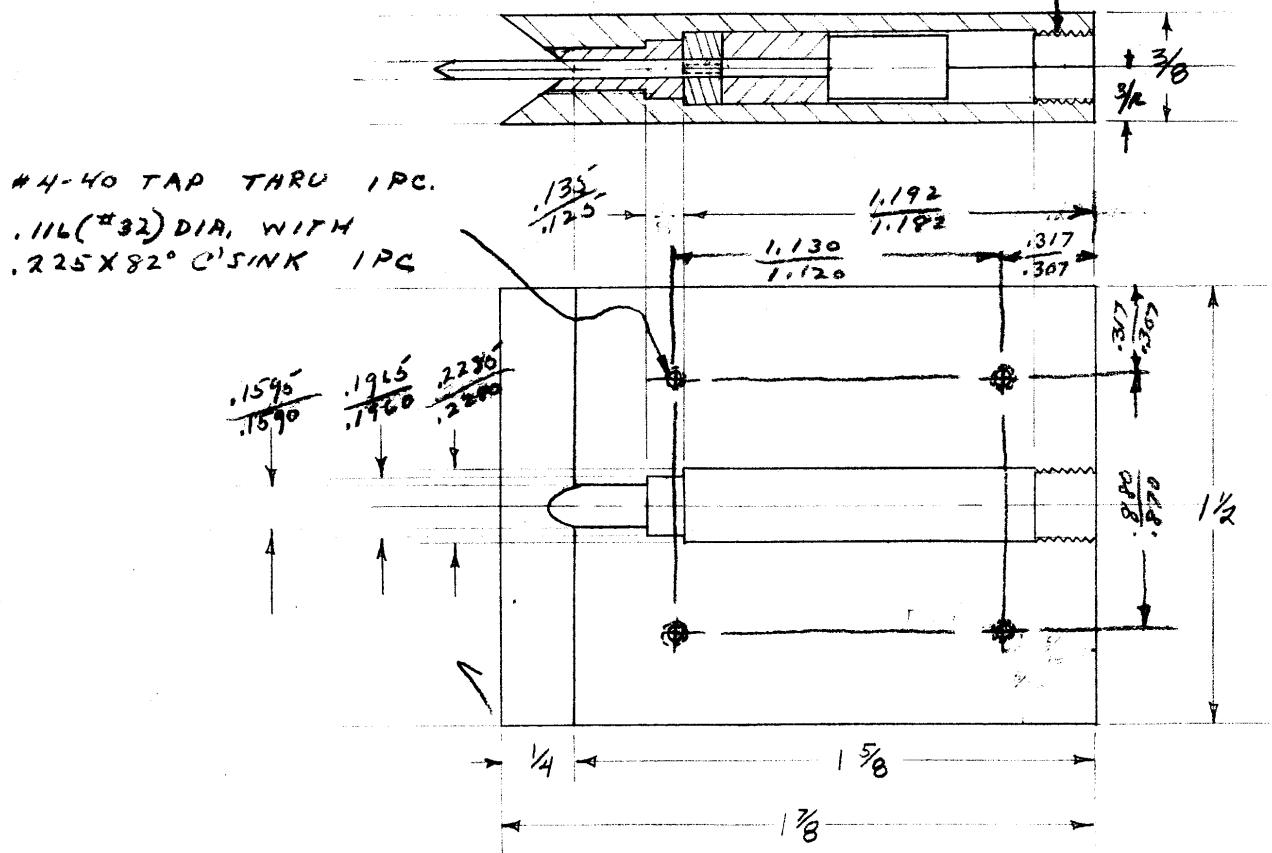
MATERIAL - 2024 T-4

QUAN. - 1

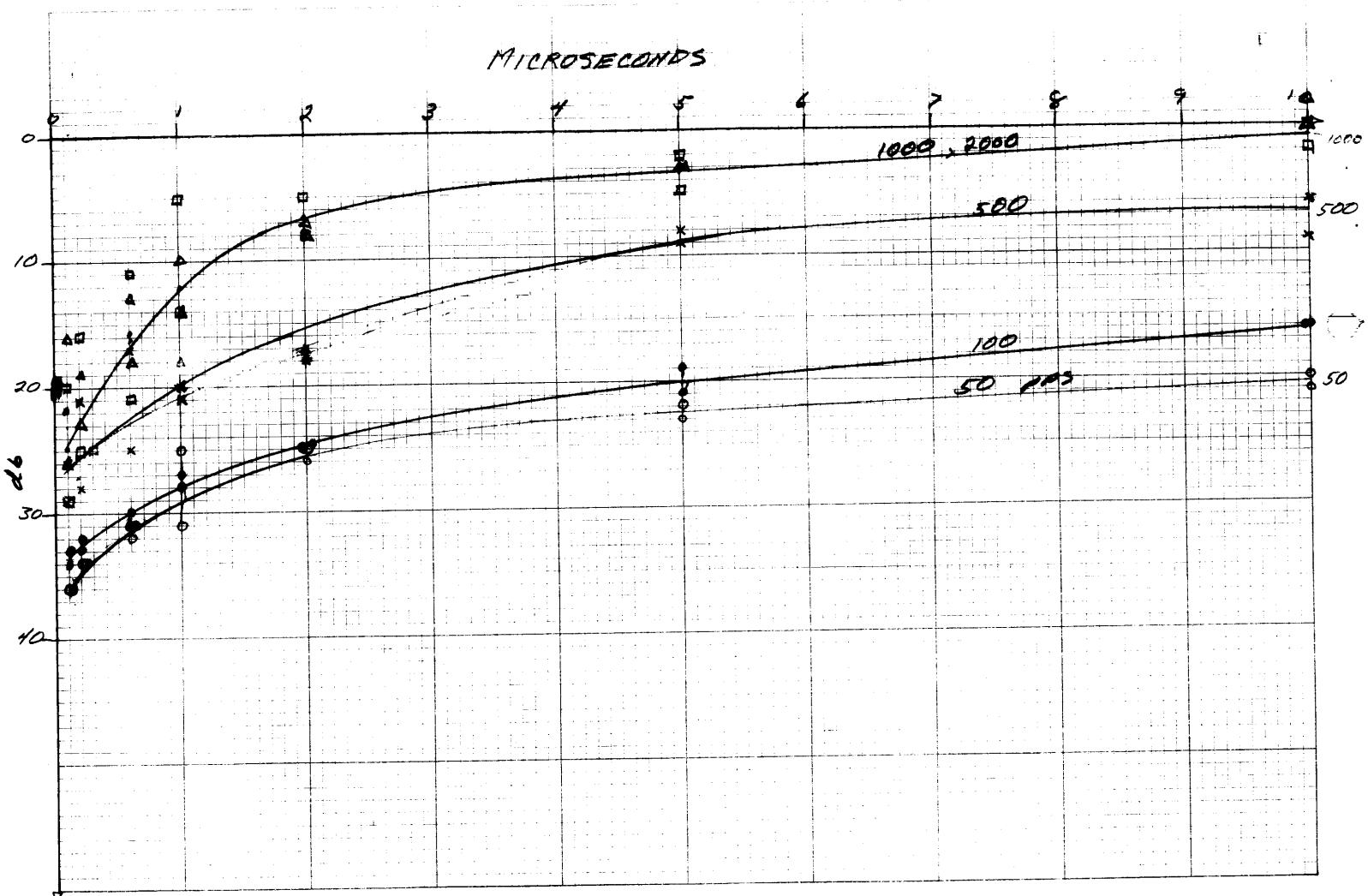
" $\frac{1}{4}$ "-32 TAP - MIN. DEPTH OF
FULL THRD. $\frac{1}{4}$ ", USE .228 (#1)
TAP DRILL

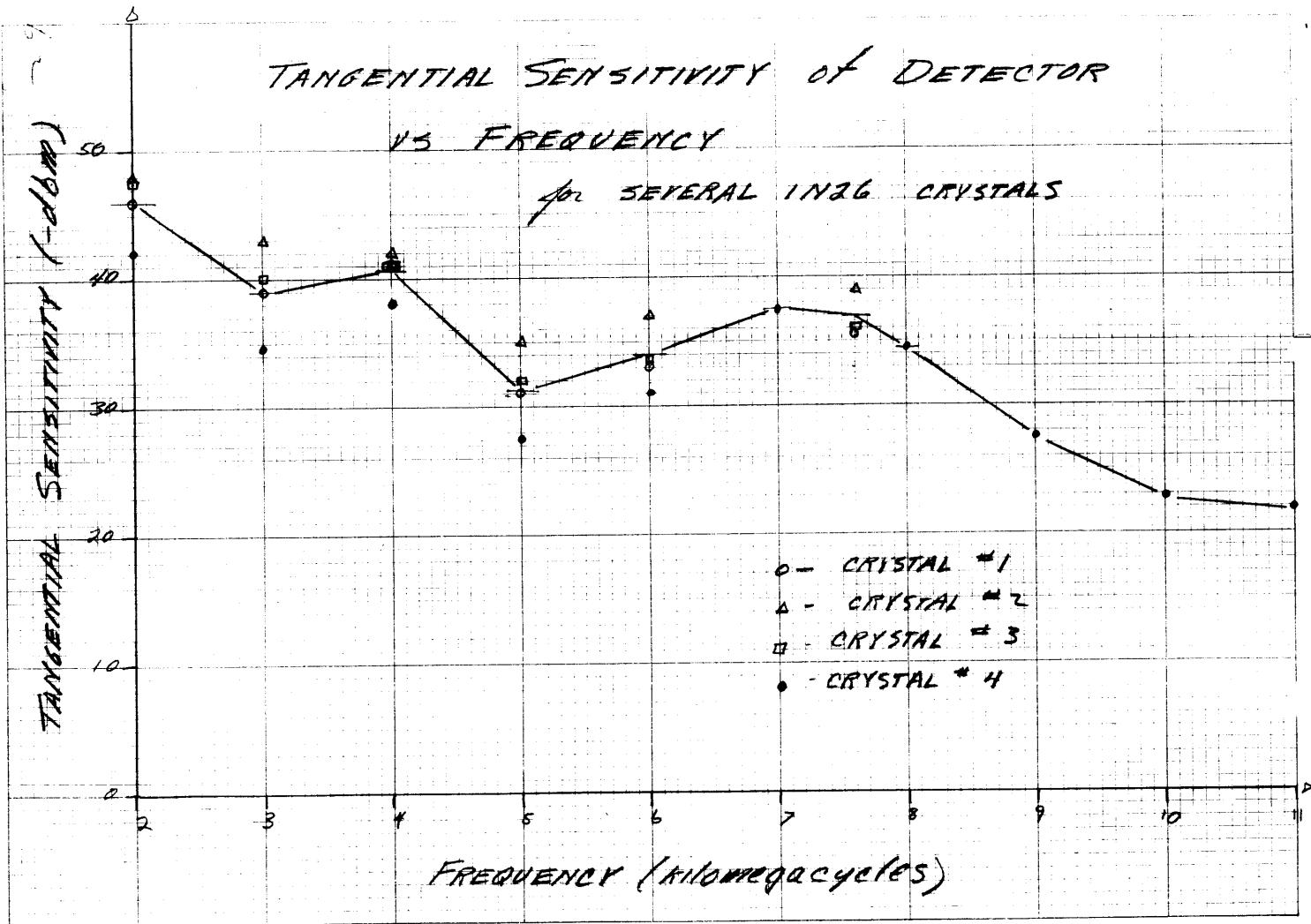
#4-40 TAP THRU 1 PC.

.116 (#32) DIA, WITH
.225 X 82° C'SINK 1PC

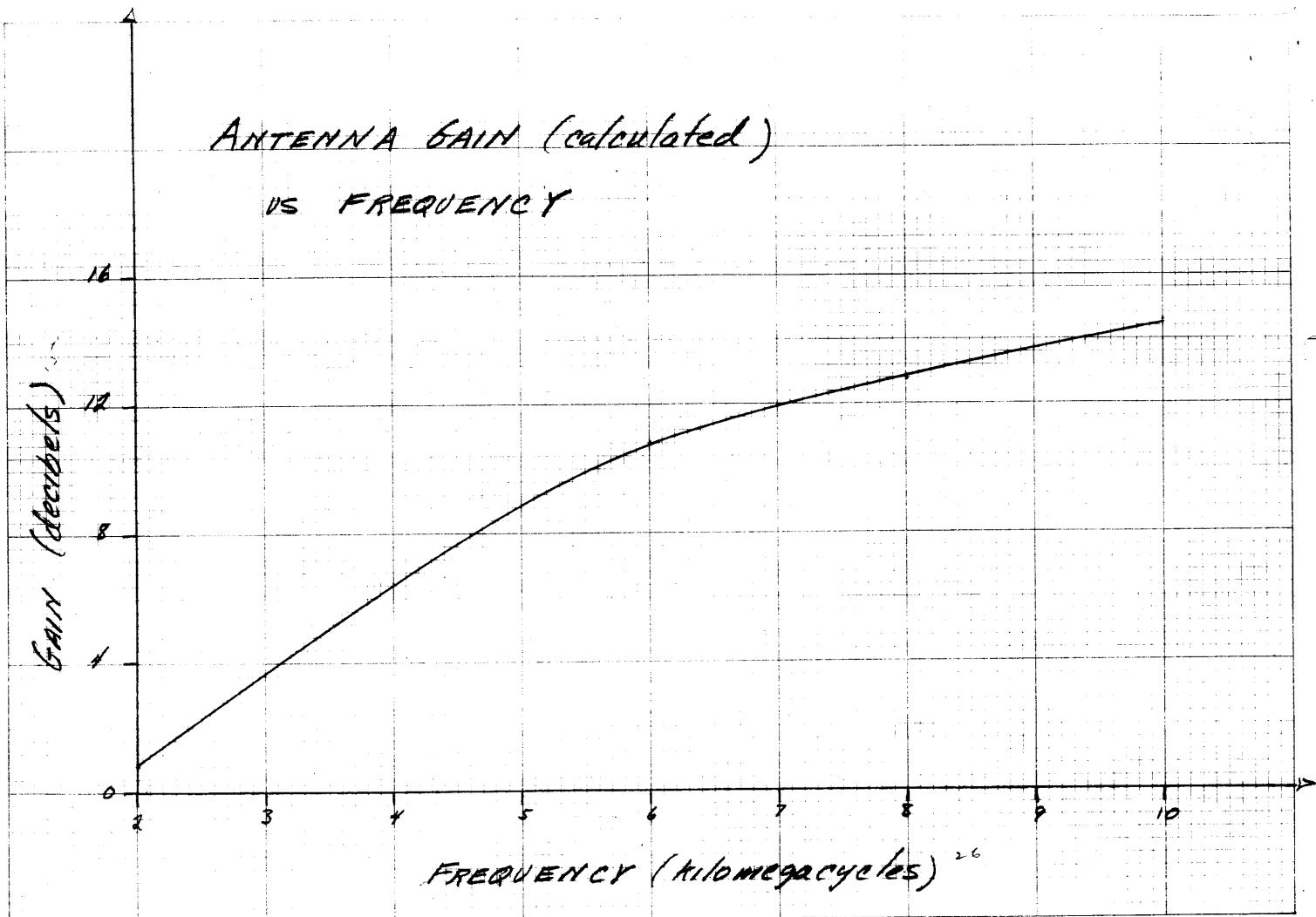


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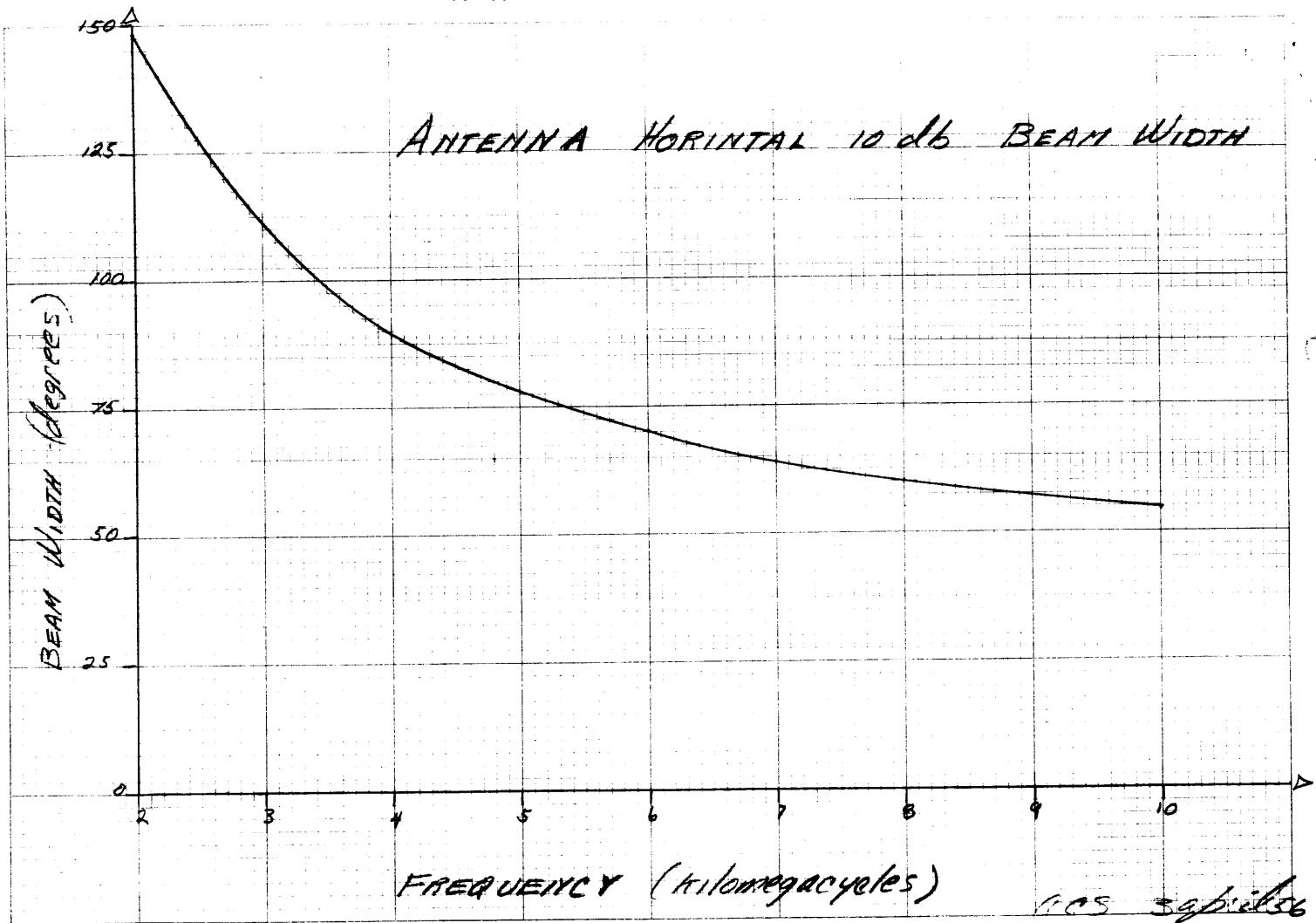




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RELATIVE RF RESPONSE LEVEL of DEMAND CIRCUIT
VS PULSE LENGTH and PRF

INCORRECT
Graph

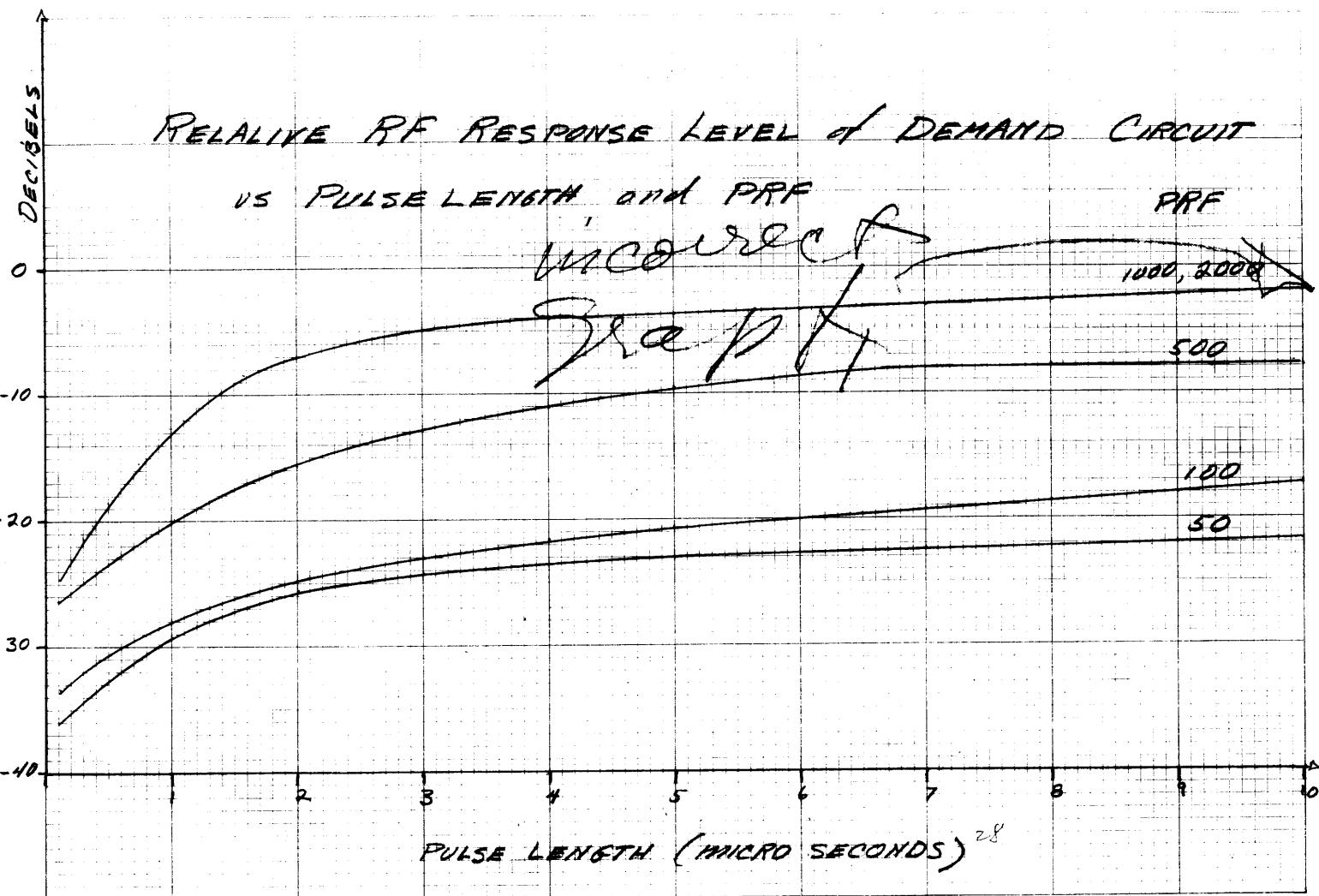
PRF

1000, 2000

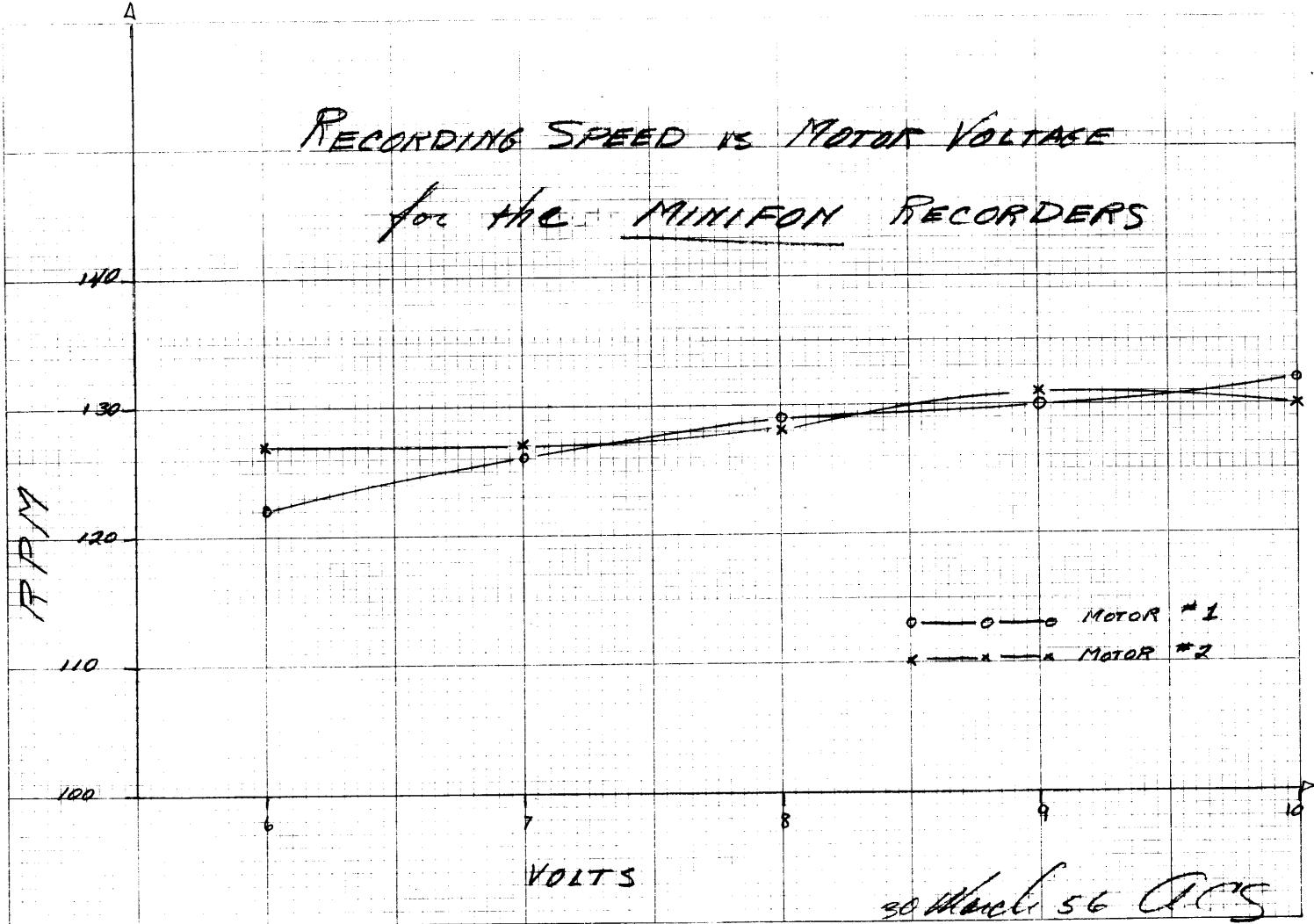
500

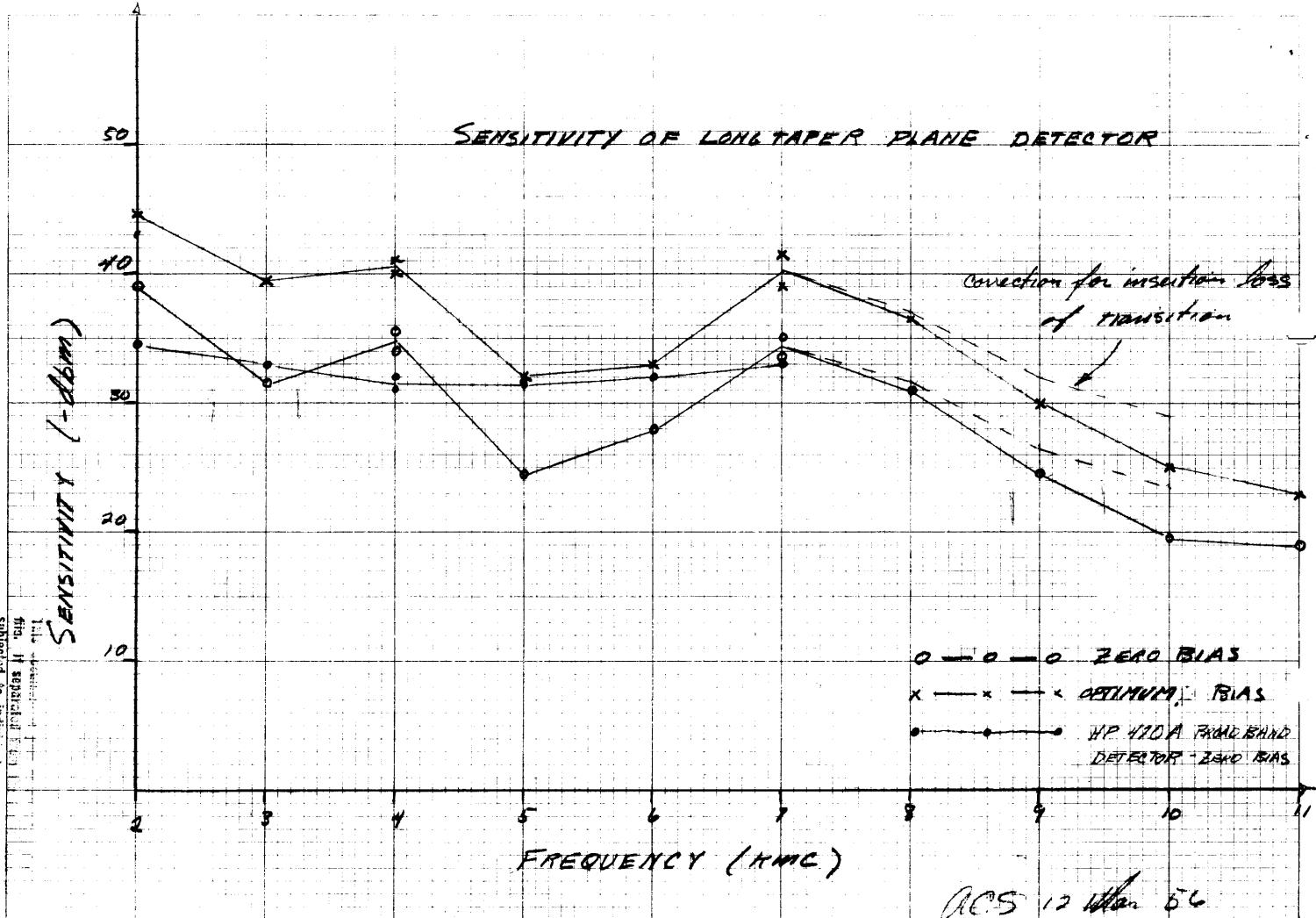
100

50



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Demand Circuit

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Demand Circuit

I Sensitivity: It was very difficult to measure the sensitivity of the demand circuit due to the presence of varying and intermittent noise.

The data recorded is a single complete run which was significantly larger than any others.

II Pulse stretcher:

this is ^{true} at .25 volts A. * The 1N56 was used in preference not at ¹⁵ volts to the 1N67 because when the overall shunt to series resistance ratio is better with the impedance available in the amplifier

B the condenser was chosen to stretch a 1usec pulse 20 times at 0.1 volts input.

~~$$R = \frac{1}{80\text{ }\mu\text{F}} + \frac{1}{40\text{ }\mu\text{F}} = 71\text{ k}$$~~

~~$$RC = 20 \times 10^{-6}$$~~

~~$$C = 270\text{ }\mu\text{F}$$~~

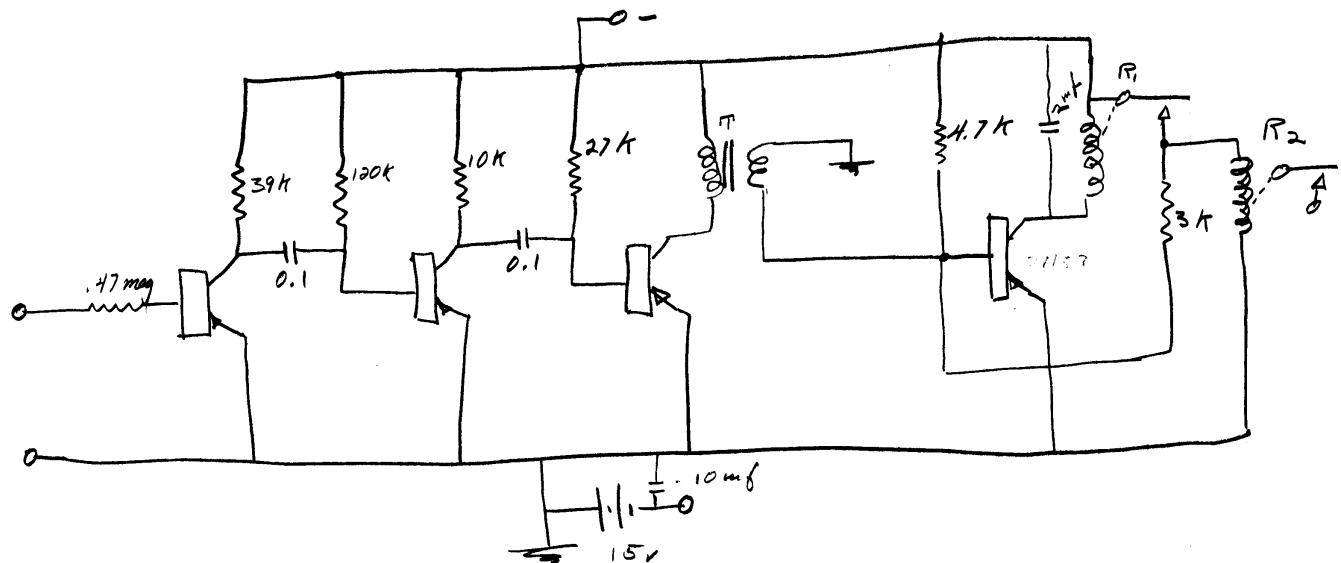
1N67

$$R = \frac{1}{7.0 \times 10^{-6}} = 180\text{ k}$$

$$RC = 20 \times 10^{-6}$$

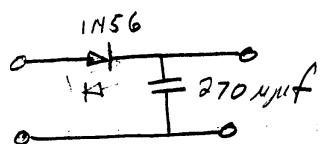
$$C = 110 \text{ } \mu\text{F}$$

DEMAND CIRCUIT



$$T = 20,000 - 100 \mu\text{L}$$

R₁, R₂ Elgin neonatic relays



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